

CACGCGTCCGGCGGGCGGGAGA	30	50
CGATGCCGATCTACTTAAGGGCTGAAACCCACGGGCCTGAGAGACTATAAGAGCGTT	70	90
CCTACCGCCATGGAACAAACGGGGACAGAACGCCCCGGCCGCTCGGGGGCCCGAAAAGG	130	150
M E O R G Q N A P A A S G A R K R	170	
CACGGCCCAGGGACCCAGGGAGGGCGCGGGGAGGCCAGGGCTGGGCCCCGGGTCCCCAAGACC	190	210
H G P G P R E A R G A R P G P R V P K T	230	
CTTGTGCTCGTTGTCGCCGCGGTCTGCTGTTGGTCTCAGCTGAGTCTGCTCTGATCACC	250	270
L V L V V A A V L L L V S A E S A L I T	290	
CAACAAAGACCTAGCTCCCCAGCAGAGAGCGGGCCCCACAACAAAAGAGGTCCAGCCCCCTCA	310	330
Q Q D L A P Q Q R A A P Q Q K R S S P S	350	
GAGGGATTGTGTCCACCTGGACACCATATCTCAGAAGACGGTAGAGATTGCATCTCCTGC	370	390
E G L C P P G H H I S E D G R D C I S C	410	
AAATATGGACAGGACTATAGCACTCACTGGAATGACCTCCTTTCTGCTTGCCTGCACC	430	450
K Y G Q D Y S T H W N D L L F C L R C T	470	
AGGTGTGATTCAAGTGAAAGTGGAGCTAACGCTGCACACGACCAGAAACACAGTGTGT	490	510
R C D S G E V E L S P C T T T R N T V C	530	
CAGTGCAGAAAGGACCTTCCGGAAAGAAGATTCTCCTGAGATGTGCCGGAAAGTGCCGC	550	570
Q C E E G T F R E E D S P E M C R K C R	590	
ACAGGGGTGTCCCAGAGGGATGGTCAAGGTCGGTGATTGTACACCCCTGGAGTGACATCGAA	610	630
T G C P R G M V K V G D C T P W S D I E	650	
TGTGTCCACAAAGAACAGGCATCATCATAGGAGTCACAGTTGCAGCCGTAGTCTTGATT	670	690
C V H K E S G I I I G V T V A A V V L I	710	
GTGGCTGTGTTGCAAGTCTTACTGTGGAAGAAAGTCCTCCTTACCTGAAAGGC	730	750
V A V F V C K S L L W K K V L P Y L K G	770	
ATCTGCTCAGGTGGTGGTGGGACCCCTGAGCGTGTGGACAGAACGCTCACAAACGACCTGGG	790	810
I C S G G G D P E R V D R S S Q R P G	830	

FIG. 1A

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850                    870                    890  
GCTGAGGACAATGTCCTCAATGAGATCGTGAGTATCTGCAGCCCACCCAGGTCCCTGAG  
A E D N V L N E I V S I L Q P T Q V P E  
910                    930                    950  
CAGGAAATGGAAGTCCAGGAGCCAGCAGAGCCAACAGGTGTCAACATGTTGTCCCCGGG  
Q E M E V Q E P A E P T G V N M L S P G  
970                    990                    1010  
GAGTCAGAGCATCTGCTGGAACCGGCAGAAGCTGAAAGGTCTCAGAGGAGGGCTGCTG  
E S E H L L E P A E A E R S Q R R R L L  
1030                    1050                    1070  
GTTCCAGCAAATGAAGGTGATCCCAC TGAGACTCTGAGACAGTGCTCGATGACTTGCA  
V P A N E G D P T E T L R Q C F D D F A  
1090                    1110                    1130  
GACTTGGTGCCCTTGACTCCTGGAGCCGCTCATGAGGAAGTTGGCCTCATGGACAAT  
D L V P F D S W E P L M R K L G L M D N  
1150                    1170                    1190  
GAGATAAAGGTGGCTAAAGCTGAGGCAGCGGGCACAGGGACACCTTGTACACGATGCTG  
E I K V A K A E A A G H R D T L Y T M L  
1210                    1230                    1250  
ATAAAGTGGTCAACAAAACCAGGGCGAGATGCCTCTGTCCACACCCCTGCTGGATGCCCTG  
I K W V N K T G R D A S V H T L L D A L  
1270                    1290                    1310  
GAGACGCTGGAGAGAGACTTGCCAAGCAGAAGATTGAGGACCACTTGTGAGCTCTGGA  
E T L G E R L A K Q K I E D H L L S S G  
1330                    1350                    1370  
AAGTTCATGTATCTAGAAGTAATGCAGACTCTGCCATGTCTAACGTGTGATTCTCTTCA  
K F M Y L E G N A D S A M S \*  
1390                    1410                    1430  
GGAAGTGAGACCTTCCCTGGTTACCTTTCTGGAAAAAGCCCAACTGGACTCCAGTC  
1450                    1470                    1490  
AGTAGGAAAGTGCCACAATTGTCACATGACCGGTACTGGAAGAAACTCTCCCATCCAACA  
1510                    1530                    1550  
TCACCCAGTGGATGGAACATCCTGTAACTTTCACTGCACTTGGCATTATTTTATAAGC  
1570                    1590  
TGAATGTGATAATAAGGACACTATGGAAAAAAAAAAAAAA

FIG.1B



## FIG. 2B

149 - - - - C E H G I I - - K E C - - - - T L T S N T K C K E - - - h Fas protein  
 161 K Q N T V C T C H A G F F L R E N E C V S C S N C K K S L E C T K L C L P Q I E h TNFR I Protein  
 158 R D T D C G T C L P G F Y E H G D G C V S C P T S T L G - S C P E R C A A V C C DR3 protein  
 163 G M V K V G D C T P - - W S D T I E C V - - - - - H K E S G I I I G HLYBX88XXprotein

168 - - - - E G S R S N L G W - - - - L C L L - L L P I P L I V - - - - W h Fas protein  
 201 N V K G T E D S G T T V L L P L V I F G L C L L S L L F I G L M Y R Y Q R - W h TNFR I Protein  
 197 W R Q - - - - M F W V Q V L A G L V V P L L G A T L T Y T Y R H C W DR3 protein  
 189 - - - - V T V A A V V L I V A V F - - V C K S L L W K K V L P Y L K G I C S HLYBX88XXprotein

190 V K R K E V Q K T C R K H R K E N Q G S H E S - - - - - - - - - - - h Fas protein  
 240 - K S K L Y S I V C G K S T P E K E G E L E G T T K P L A P N P S F S P T P G h TNFR I Protein  
 229 - P H K P L - V T A D E A G M E A L T P P P A T H L S P L D S A H T L L A P P D DR3 protein  
 221 - - - - G G G G D P E R V D R S S Q R P G A E D N V I N E I V S I L Q P T Q HLYBX88XXprotein

213 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - h Fas protein  
 279 F T P T L G F S P V P S S T F T S S T Y T P G D - C P N F A A P R R E V A P P h TNFR I Protein  
 267 S S E K I C T V Q L V G N S W T P G Y P E T Q P Q V T W S W D Q L - - P DR3 protein  
 255 V P E Q E M E V Q E P A E - - - - P T G V N M L S P G - - E S E H L - - - HLYBX88XXprotein

213 - - - - - P T L N P E T V A I N L - - S D V D L S K Y I T T I A G V M h Fas protein  
 318 Y Q G A D P I L A S D P I P N P L Q K W E D S A H K P Q S L D T D D P A h TNFR I Protein  
 305 S R A L G P A A A P T L S P - - - - E S P A G S P A M M L Q P G P Q DR3 protein  
 283 - - - - - L E P A E A E R S Q R R L L V P A N E G D P T E T L R Q HLYBX88XXprotein

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FIG. 2C

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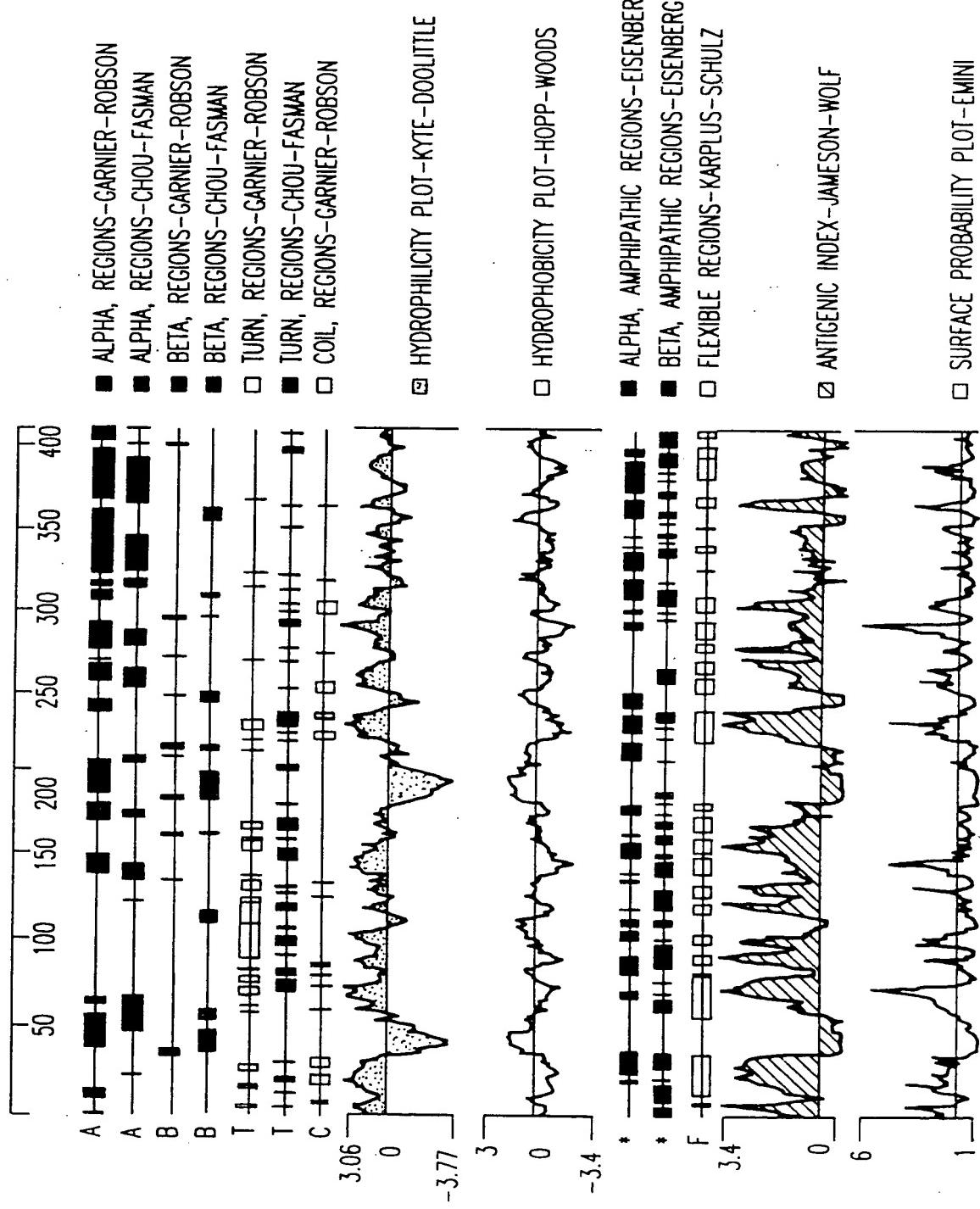


FIG.3

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HAPBU13R

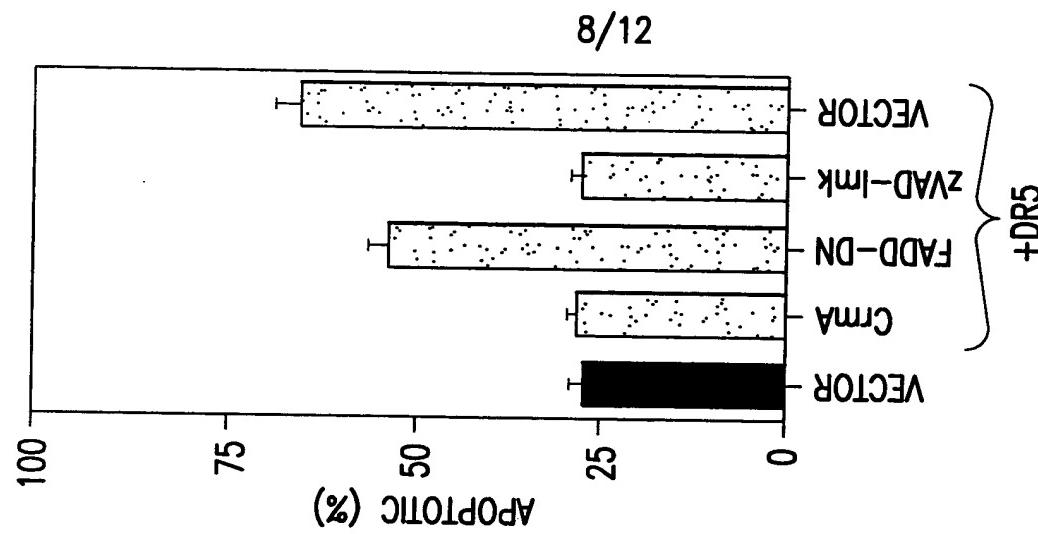
1 AATTGGGCAC AGCTCTTCAG GAAAGTCAGAC CTTCCCTGGT TTACCTTTTT  
51 TCTGGAAAAA GCCCAACTGG GACTCCAGTC AGTAGGAAAG TGCCACAATT  
101 GTCACATGAC CGGTACTGGA AGAAACTCTC CCATCCAACA TCACCCAGTG  
151 GNATGGGAAC ACTGATGAAC TTTTCACTGC ACTTGGCATT ATTTTTGTNA  
201 AGCTGAATGT GATAATAAGG GCACTGATGG AAATGTCCTGG ATCATTCCGG  
251 TTGTGCGTAC TTTGAGATTN GNNTTGGGG ATGTNCATTG TGTTTGACAG  
301 CACTTTTTN ATCCCTAATG TNAAATGCNT NATTGATTG TGANTTGGGG  
351 GTNAACATTG GTNAAGGNTN CCCNTNTGAC ACAGTAGNTG GTNCCCAGT  
401 TANAATNGNN GAANANGATG NATNANGAAC CTNTTTTGG GTGGGGGGGT  
451 NNCGGGGCAG TNNAANGNNG NCTCCCCAGG TTTGGNGTNG CAATNGNGGA  
501 ANNNTGG

HSBBU76R

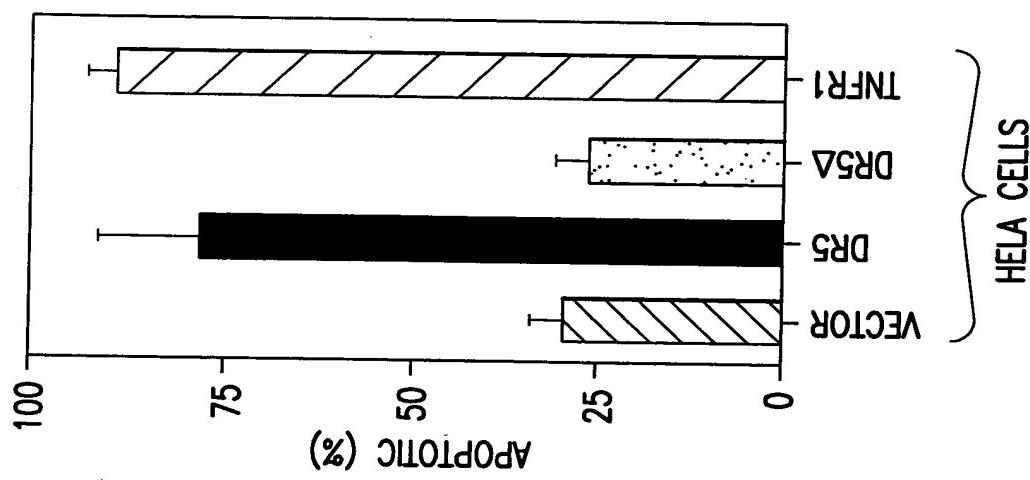
1 TTTTTTTGT AGATGGATCT TACAATGTAG CCCAAATAAA TAAATAAAGC  
51 ATTACATTA GGATAAAAAA GTGCTGTGAA AACAAATGACA TCCCAAACCA  
101 AATCTCAAAG TACGCACAAA CGGAATGATC CAGACATTTC CATAGNGTCC  
151 TTATTATCAC ATTCAAGCTTA TAAAANTAAT GCCAAGTGCA GTGAAAAGTT  
201 ACAGGATGTT CCATCCACTG GGTGGATT

FIG.4

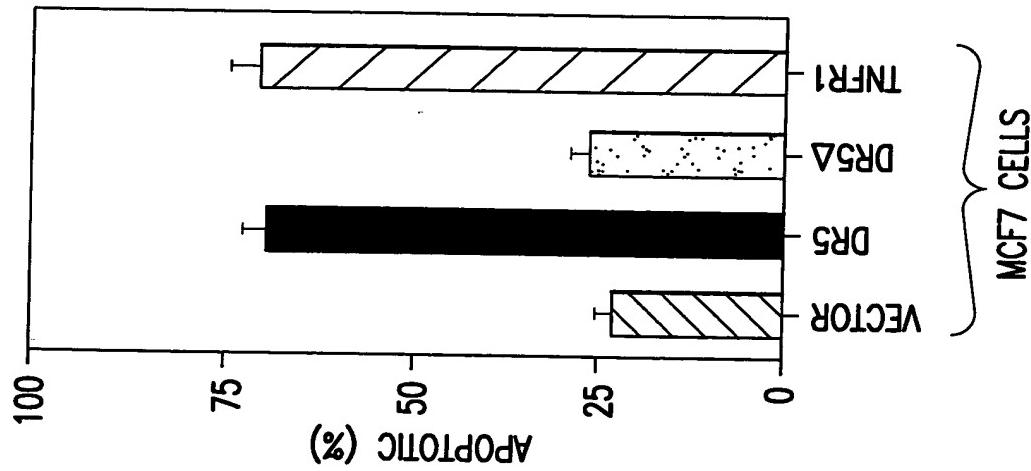
**FIG. 5C**



**FIG. 5B**



**FIG. 5A**



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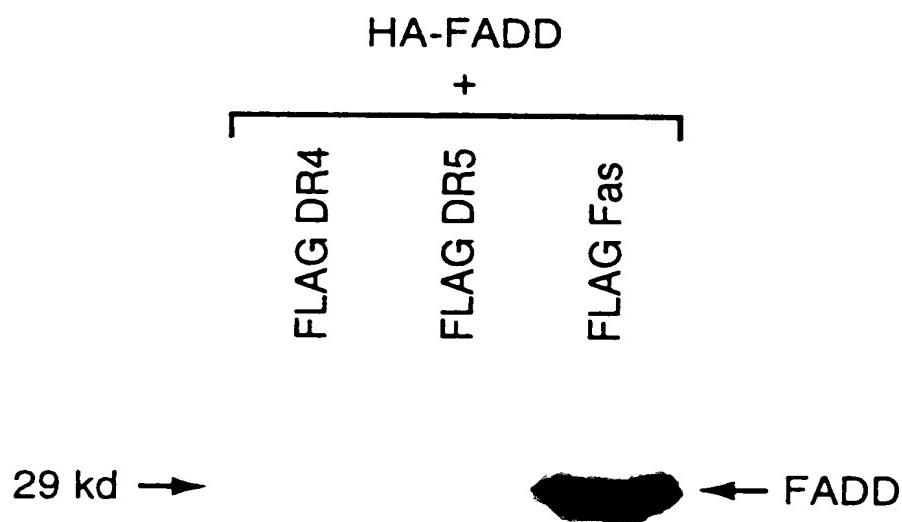
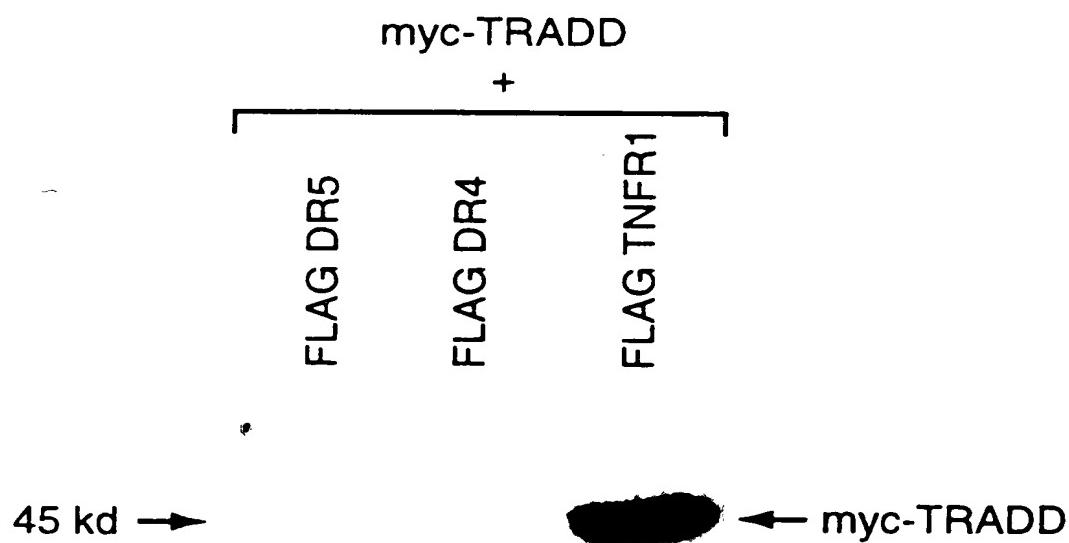


FIG.5D



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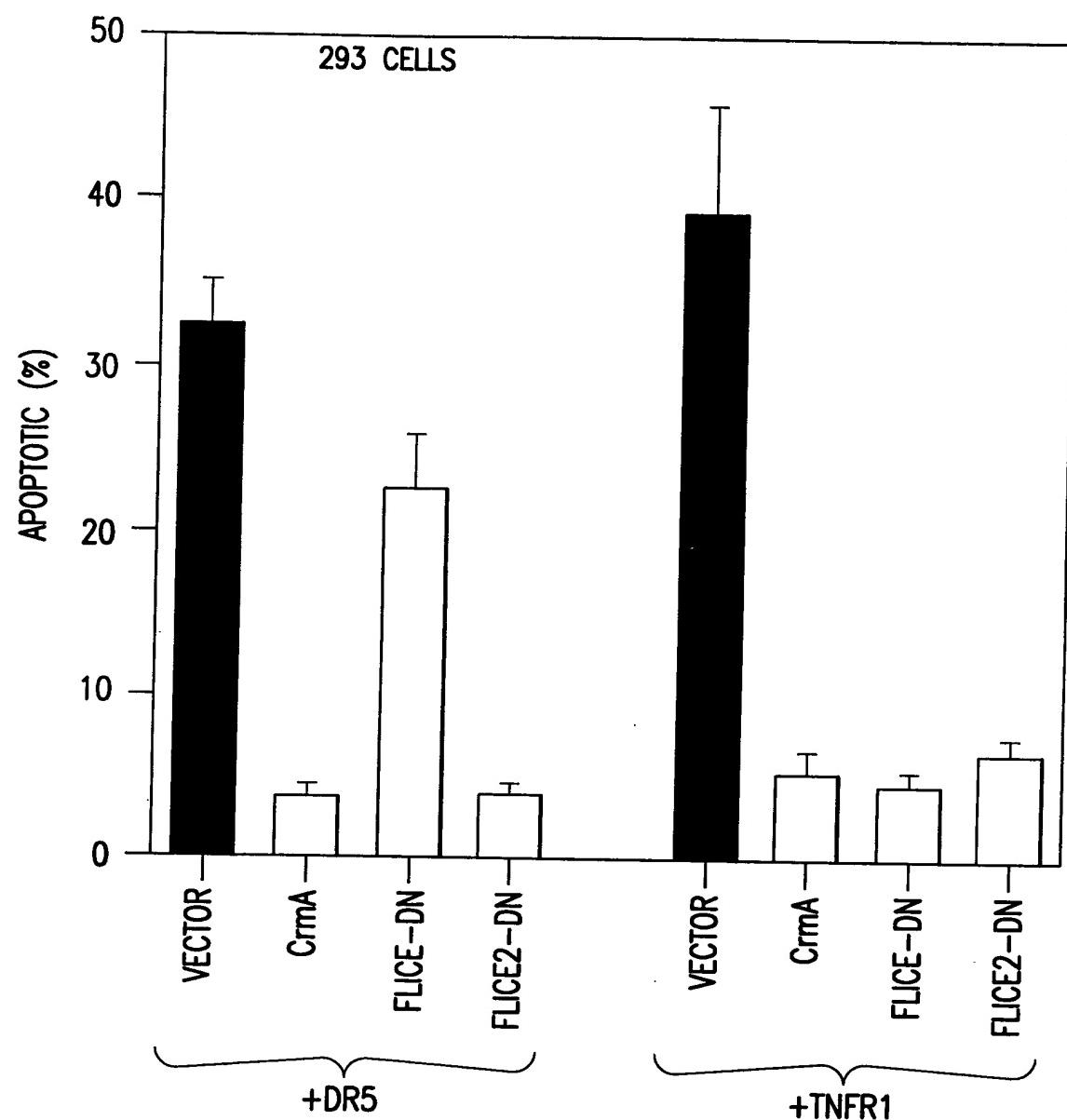
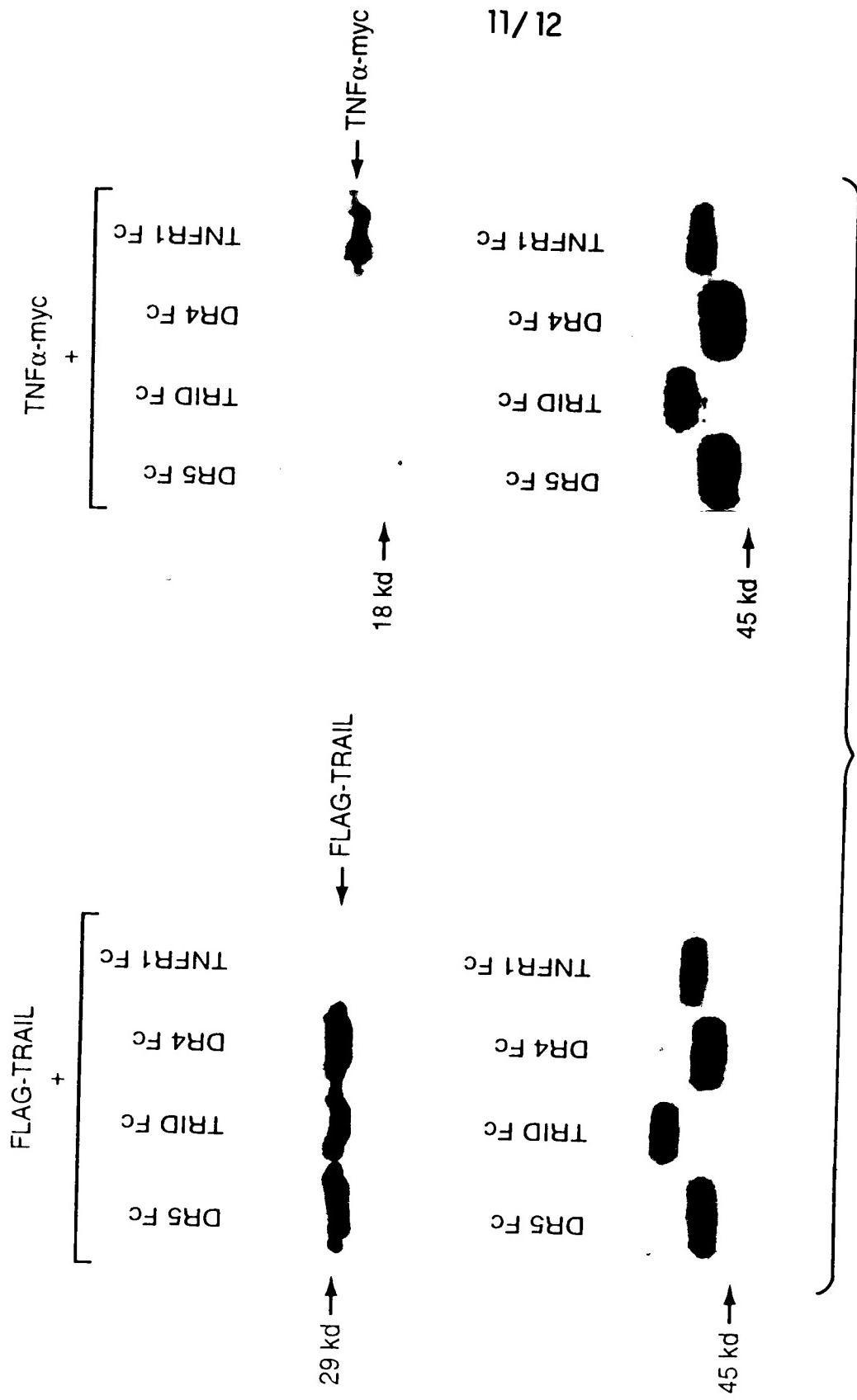


FIG. 5E

FIG. 6A



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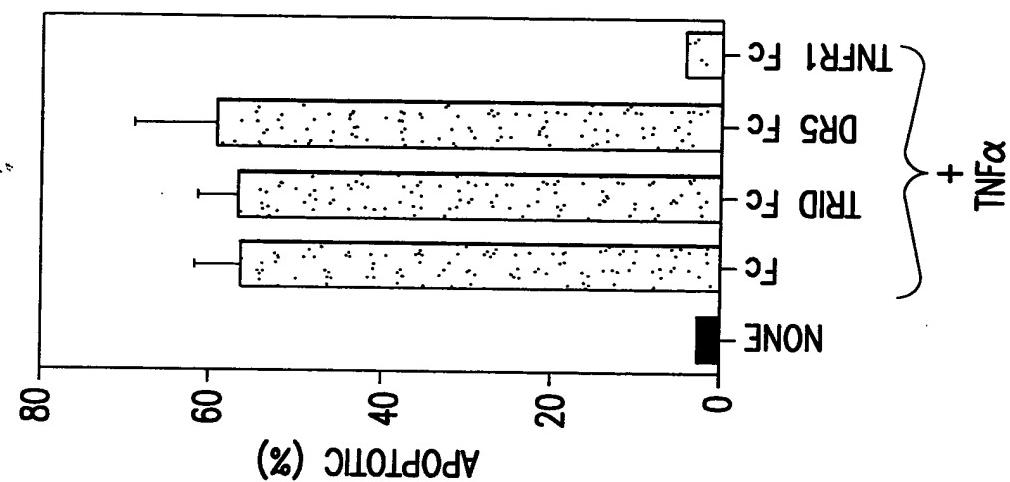


FIG. 6C

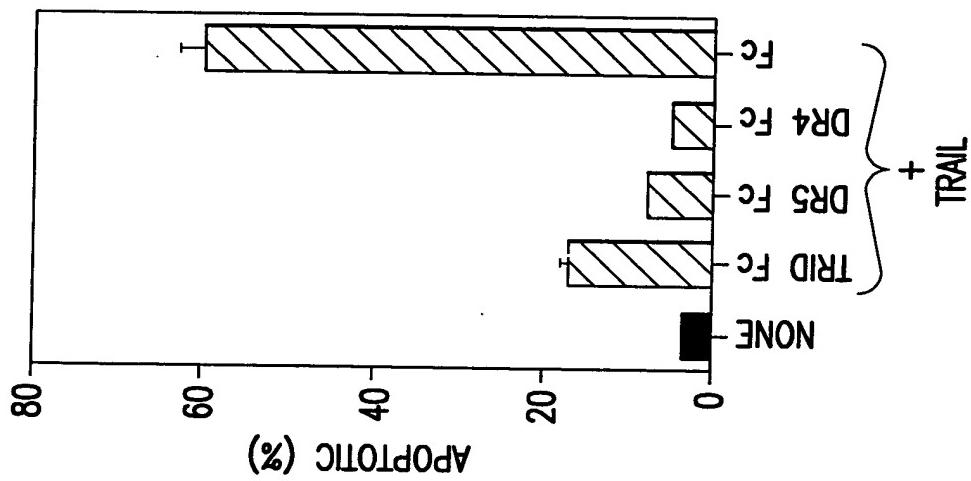


FIG. 6B